```
shortBubbleSort
L: 1
def shortBubbleSort(alist):
```

Cobertura por nos:
1.0

Cobertura por arestas:
1.0

Source code:
def shortBubbleSort(alist):
exchanges = True
passnum = len(alist)-1
while passnum > 0 and exchanges:
exchanges = False
for i in range(passnum):
if alist[i]>alist[i+1]:
exchanges = True
temp = alist[i]
alist[i] = alist[i+1]
alist[i+1] = temp
passnum = passnum-1
return alist

Test results:

```
While
L: 4
while passnum > 0 and exchanges:
```

```
Assign
L: 5
exchanges = False
```

```
For
L: 6
for i in range(passnum):
```

```
If
L: 7
if alist[i]>alist[i+1]:
```

```
Assign
L: 11
alist[i+1] = temp
```

```
orelseVazioIf
L: 7
if alist[i]>alist[i+1]:
```

```
Assign
L: 12
passnum = passnum-1
```

```
Return
L: 13
return alist
```